

|    | L # | Hits    | Search Text  | DBs                |
|----|-----|---------|--|--------------------|
| 1  | L1  | 1100899 | FDM\$1 or (frequency adj division or multiple\$4)                            | US-PGPUB;<br>USPAT |
| 2  | L2  | 1070    | (375/260 or 375/261).ccls. and @ad<"20010201"                                | US-PGPUB;<br>USPAT |
| 3  | L3  | 550     | 2 and (allocat\$4 or distribut\$4)   | US-PGPUB;<br>USPAT |
| 4  | L4  | 7513    | (BER or (bit adj error adj rate)) and power and (allocat\$5 or distribut\$5) | US-PGPUB;<br>USPAT |
| 5  | L5  | 270     | (370/206 or 370/207).ccls. and @ad<"20010201"                                | US-PGPUB;<br>USPAT |
| 6  | L6  | 28      | 4 and 5  | US-PGPUB;<br>USPAT |
| 7  | L7  | 157     | (455/59 or 455/60).ccls. and @ad<"20010201"                                  | US-PGPUB;<br>USPAT |
| 8  | L8  | 8       | 7 and 4  | US-PGPUB;<br>USPAT |
| 9  | L9  | 5       | 8 not (3 or 6)   | US-PGPUB;<br>USPAT |
| 10 | L10 | 555     | (370/343 or 370/344 or 370/480).ccls. and @ad<"20010201"                     | US-PGPUB;<br>USPAT |
| 11 | L11 | 34      | (4 and 10) not (3 or 6)  | US-PGPUB;<br>USPAT |
| 12 | L12 | 0       | (4 and 3) not (3 or 6)   | US-PGPUB;<br>USPAT |
| 13 | L13 | 133     | (4 and 3)  | US-PGPUB;<br>USPAT |
| 14 | L14 | 1       | "20010031014".pn.  | US-PGPUB;<br>USPAT |
| 15 | L15 | 25599   | multi adj (carrier or tone or band or channel)                               | US-PGPUB;<br>USPAT |
| 16 | L16 | 17518   | multicarrier or multitone or multiband or multichannel                       | US-PGPUB;<br>USPAT |
| 17 | L17 | 15078   | (\$ids1) or (digital adj subscriber adj line)                                | US-PGPUB;<br>USPAT |

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|----|------------|-------------|--|--------------------|
| 18 | L18        | 5914        | DMT                                      | US-PGPUB;<br>USPAT |
| 19 | L19        | 6632        | (plurality or multiple) adj carrier      | US-PGPUB;<br>USPAT |
| 20 | L20        | 10901       | subcarrier or (sub adj carrier)          | US-PGPUB;<br>USPAT |
| 21 | L21        | 1118348     | (1 or 15 or 16 or 17 or 18 or 19)        | US-PGPUB;<br>USPAT |
| 22 | L22        | 14789       | excess near3 (energy or power)           | US-PGPUB;<br>USPAT |
| 23 | L23        | 241         | (allocat\$4 or distribut\$4) with 22     | US-PGPUB;<br>USPAT |
| 24 | L24        | 116         | 21 and 23                                | US-PGPUB;<br>USPAT |
| 25 | L25        | 73          | 24 and @ad<"20010201"                    | US-PGPUB;<br>USPAT |
| 26 | L26        | 25          | 23.ti,ab.                                | US-PGPUB;<br>USPAT |
| 27 | L27        | 5           | 25 and 26                                | US-PGPUB;<br>USPAT |
| 28 | L28        | 152757      | (1 or 15 or 16 or 17 or 18 or 19).ti,ab. | US-PGPUB;<br>USPAT |
| 29 | L29        | 11          | 28 and 23 and @ad<"20010201"             | US-PGPUB;<br>USPAT |
| 30 | L30        | 10          | 29 not 27                                | US-PGPUB;<br>USPAT |
| 31 | L31        | 58          | 25 not (27 or 30)                        | US-PGPUB;<br>USPAT |
| 32 | L32        | 673         | (allocat\$4 or distribut\$4) same 22     | US-PGPUB;<br>USPAT |
| 33 | L33        | 53          | 28 and 32                                | US-PGPUB;<br>USPAT |
| 34 | L34        | 31          | 33 and @ad<"20010201"                    | US-PGPUB;<br>USPAT |

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|----|------------|-------------|---|--------------------|
| 35 | L35        | 20          | 34 not (27 or 30 or 31)                             | US-PGPUB;<br>USPAT |
| 36 | L36        | 95483       | (allocat\$4 or distribut\$4) with (energy or power) | US-PGPUB;<br>USPAT |
| 37 | L37        | 2903        | 36 same gain  | US-PGPUB;<br>USPAT |
| 38 | L38        | 2164        | 37 and 21   | US-PGPUB;<br>USPAT |
| 39 | L39        | 1225        | 38 and @ad<"20010201"                               | US-PGPUB;<br>USPAT |
| 40 | L40        | 8419        | 36.ti,ab.   | US-PGPUB;<br>USPAT |
| 41 | L41        | 418         | 39 and (28 or 40)                                   | US-PGPUB;<br>USPAT |
| 42 | L42        | 953         | (375/222).ccls. and @ad<"20010201" and 21           | US-PGPUB;<br>USPAT |
| 43 | L43        | 63          | 42 and (allocat\$4 or distribut\$\$.ti,ab.          | US-PGPUB;<br>USPAT |
| 44 | L44        | 42          | 43 and (power or energy)                            | US-PGPUB;<br>USPAT |
| 45 | L45        | 99          | 2 and (allocat\$4 or distribut\$\$.ti,ab.           | US-PGPUB;<br>USPAT |
| 46 | L46        | 63          | 42 and (allocat\$4 or distribut\$5).ti,ab.          | US-PGPUB;<br>USPAT |
| 47 | L47        | 99          | 2 and (allocat\$4 or distribut\$5).ti,ab.           | US-PGPUB;<br>USPAT |
| 48 | L48        | 72          | 47 and (power or energy)                            | US-PGPUB;<br>USPAT |
| 49 | L49        | 68          | 48 not 46   | US-PGPUB;<br>USPAT |
| 50 | L50        | 9693        | 28 and (allocat\$4 or distribut\$\$.ti,ab.          | US-PGPUB;<br>USPAT |
| 51 | L51        | 6617        | 50 and @ad<"20010201" and 21                        | US-PGPUB;<br>USPAT |

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|----|-----|--------|---|----------------------|
| 52 | L52 | 6617   | 50 and @ad<"20010201"   | US-PGPUB;<br>USPAT   |
| 53 | L53 | 3564   | 52 and (power or energy)  | US-PGPUB;<br>USPAT   |
| 54 | L54 | 1248   | (allocat\$4 or distribut\$5).ti,ab. and (power or energy).ti,ab. and 28   | US-PGPUB;<br>USPAT   |
| 55 | L55 | 842    | 54 and @ad<"20010201"   | US-PGPUB;<br>USPAT   |
| 56 | L56 | 774    | 55 not (46 or 48 or 41)   | US-PGPUB;<br>USPAT   |
| 57 | L57 | 20134  | (allocat\$4 or distribut\$5) with (power or energy or bit or data).ti,ab. | US-PGPUB;<br>USPAT   |
| 58 | L58 | 491    | 56 and 57   | US-PGPUB;<br>USPAT   |
| 59 | L59 | 21191  | (multi or multiple or plurality) adj (carrier or tone or band or channel) | EPO; JPO;<br>DERWENT |
| 60 | L60 | 16063  | multicarrier or multitone or multiband or multichannel or DMT             | EPO; JPO;<br>DERWENT |
| 61 | L61 | 4875   | (\$2dsl) or (digital adj subscriber adj line)                             | EPO; JPO;<br>DERWENT |
| 62 | L62 | 102861 | (allocat\$4 or distribut\$5) with (power or energy or bit or data)        | EPO; JPO;<br>DERWENT |
| 63 | L63 | 1317   | (59 or 60 or 61) and 62   | EPO; JPO;<br>DERWENT |
| 64 | L64 | 448    | 63 and (power or energy)  | EPO; JPO;<br>DERWENT |
| 65 | L65 | 16559  | (extra or excess or additional\$2 or remain\$3) near3 (power or energy)   | EPO; JPO;<br>DERWENT |
| 66 | L66 | 7      | 63 and 65   | EPO; JPO;<br>DERWENT |
| 67 | L67 | 5      | 66 and @pd<"20010201"   | EPO; JPO;<br>DERWENT |